

F16. I

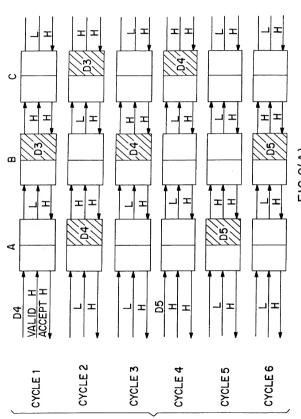


FIG. 2(A)

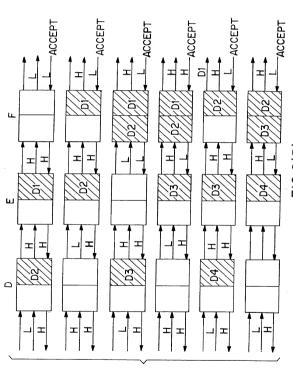


FIG. 2(B)

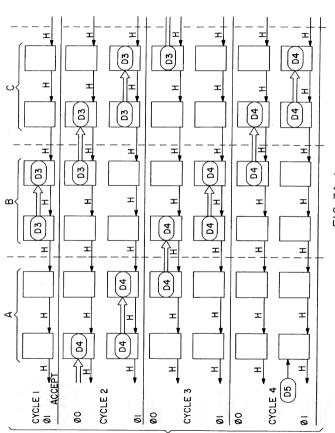
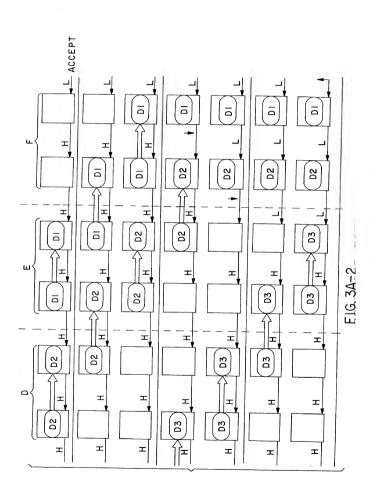
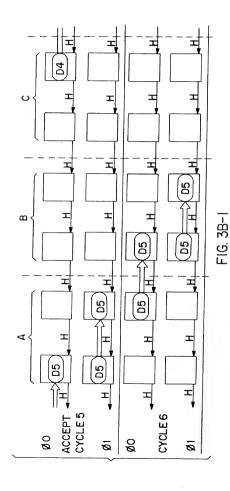
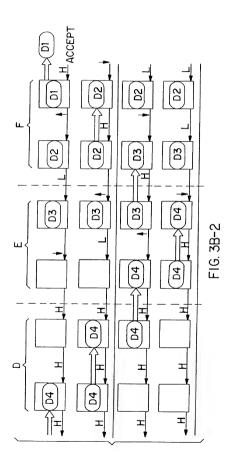
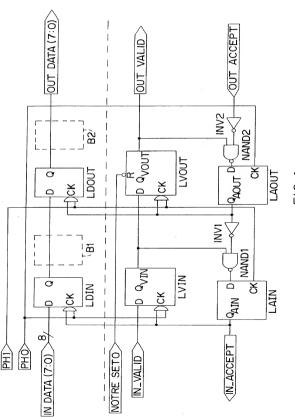


FIG. 3A-1

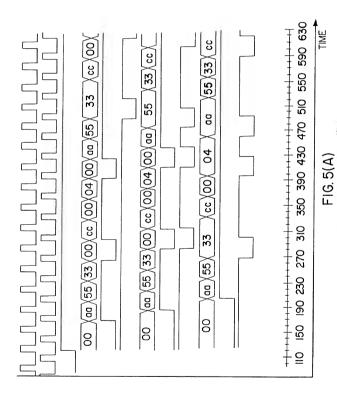


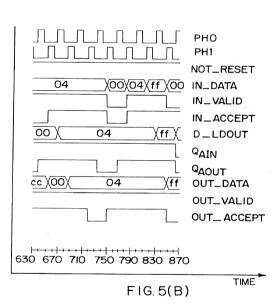






F16.4





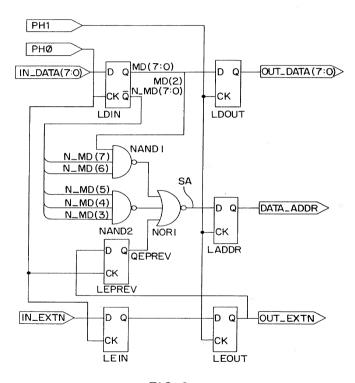
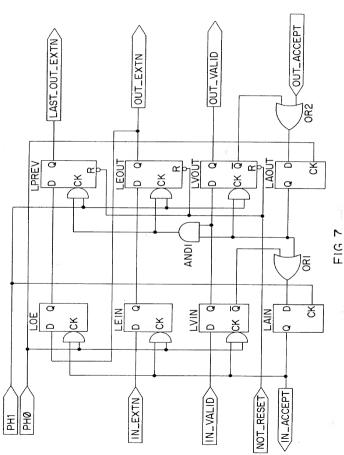


FIG. 6



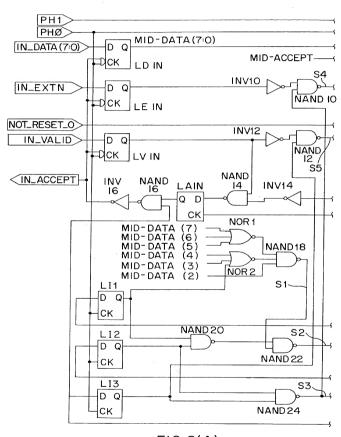


FIG. 8(A)

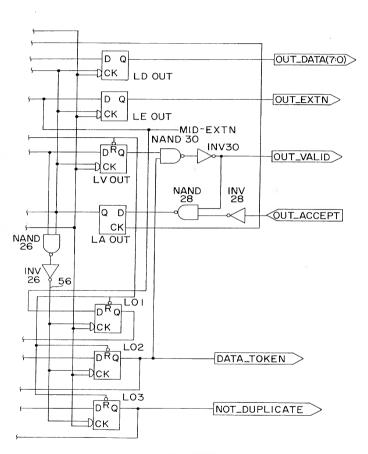
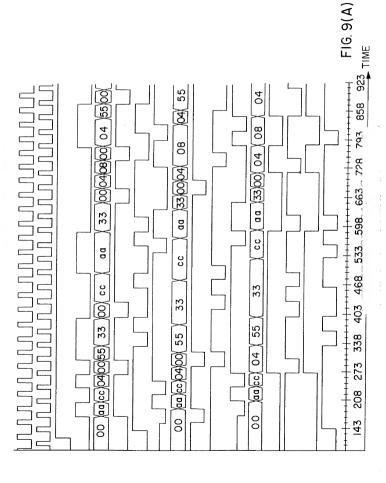


FIG. 8(B)



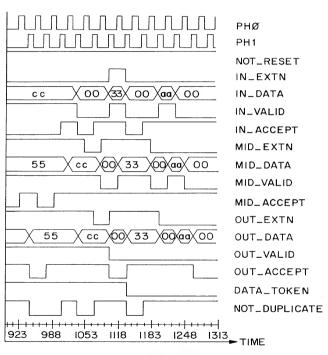


FIG. 9(B)

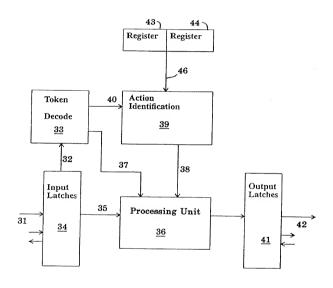
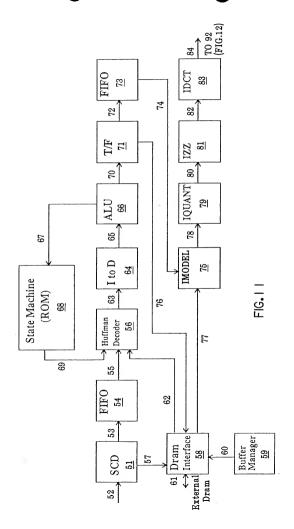


FIG. I O



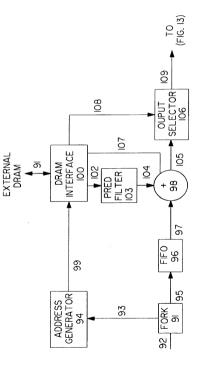


FIG. 12

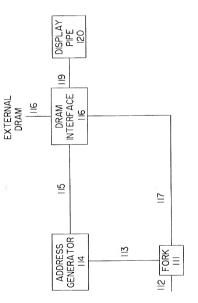
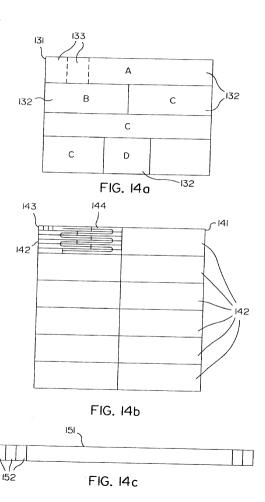
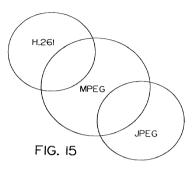


FIG. 13



1



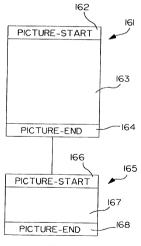
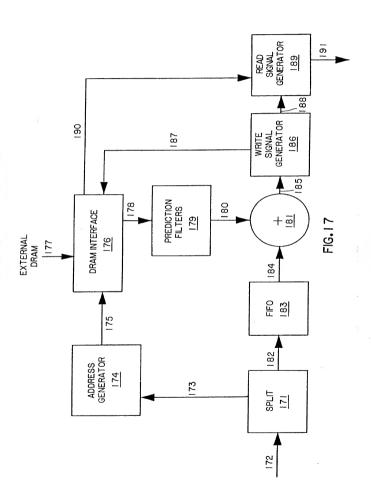


FIG. 16



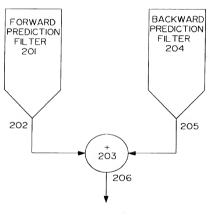


FIG. 18

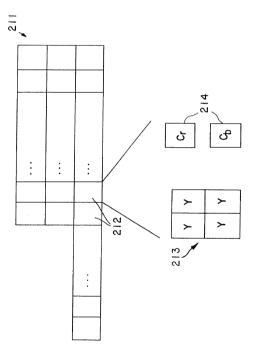
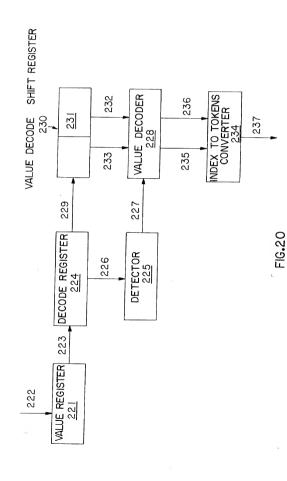
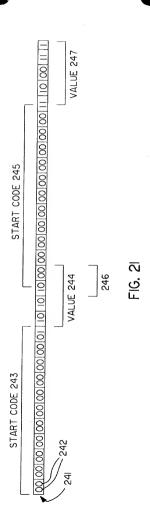


FIG. 19





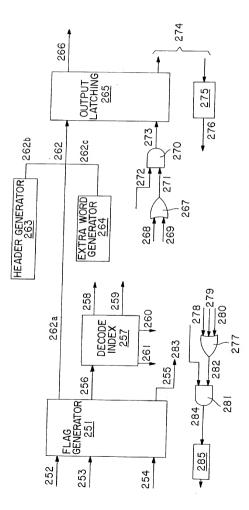


FIG.22

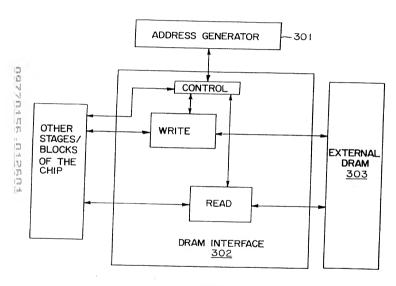


FIG.23

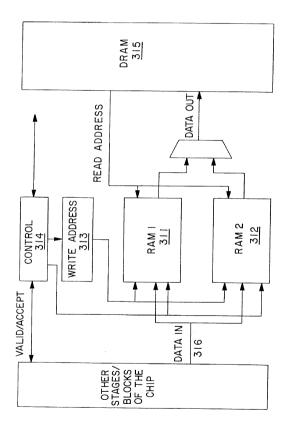


FIG.24

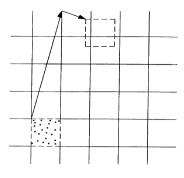


FIG. 25

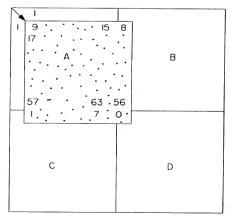


FIG. 26

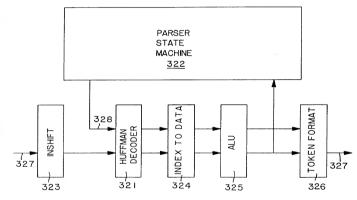


FIG.27

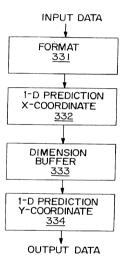


FIG.28

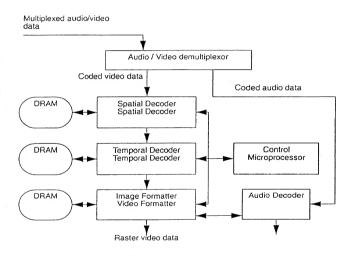


FIG.29



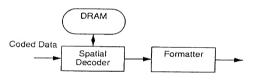


FIG.31

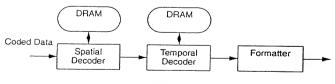


FIG.32

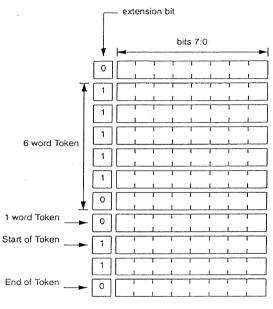


FIG.33

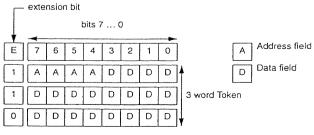
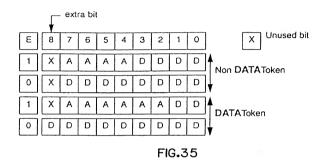
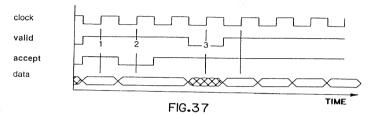


FIG.34







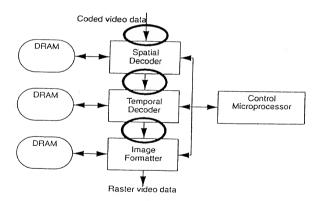
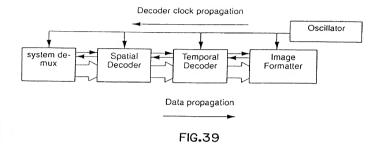


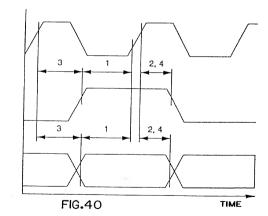
FIG.38





valid / accept

data / extn



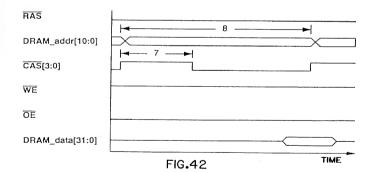
## 

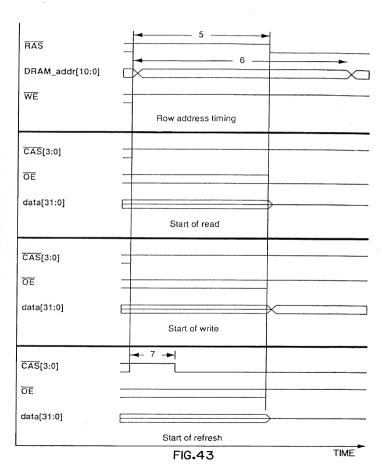
Access Start

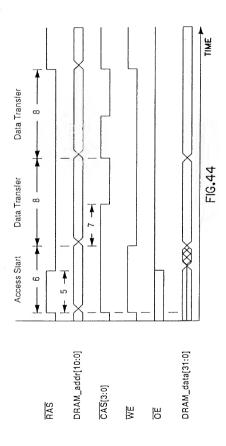
Data Transfer

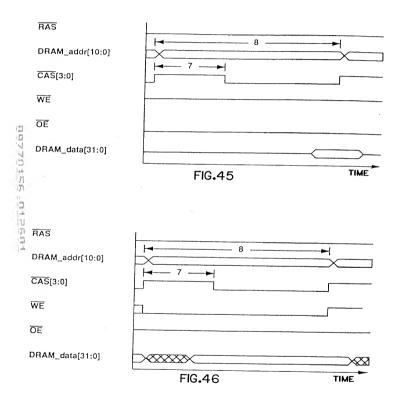
Default State

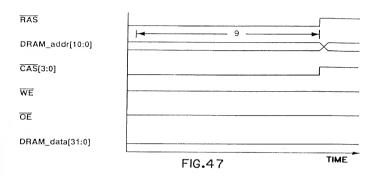
FIG.41











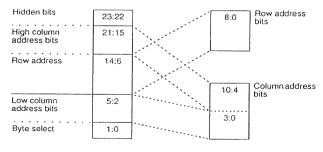
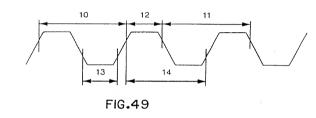


FIG.48

Any signal



TIME

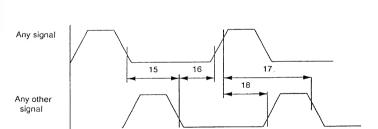
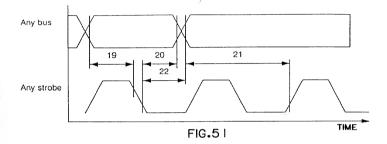
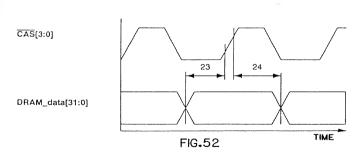


FIG.50





ŝ

enable[1]

addr[7:0]

data[7:0]

enable[1]

addr[9:0]

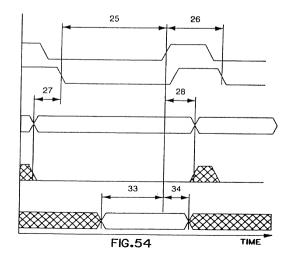
rw

25 26 27 28 30 29 31 FIG.53



r₩

data[7:0]



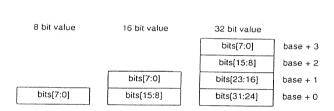


FIG.55

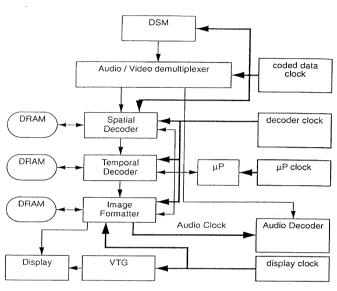


FIG.56

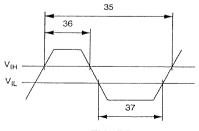
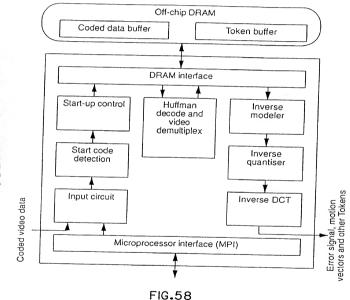


FIG.57



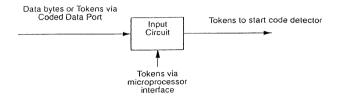
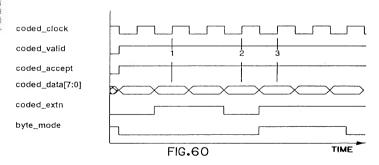


FIG.59



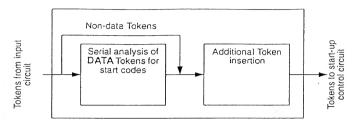


FIG.61

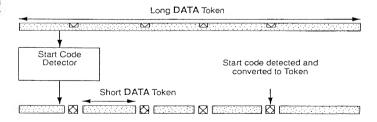


FIG.62

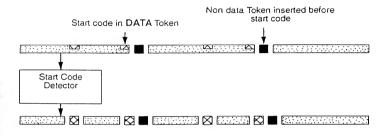


FIG.63



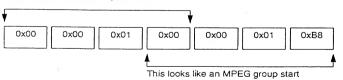


FIG.64

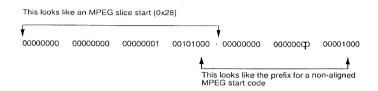


FIG.65

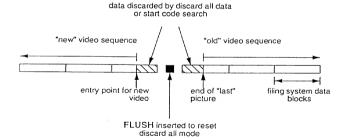
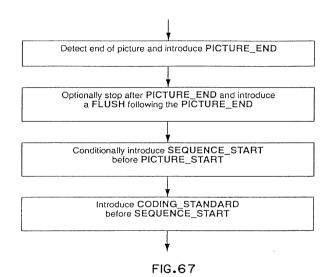
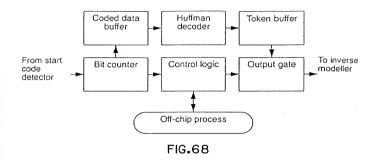
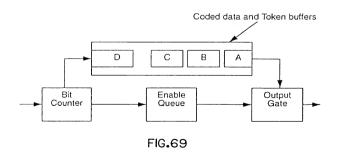
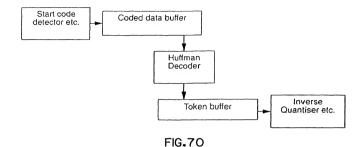


FIG.66









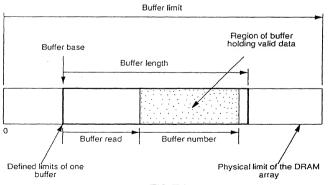


FIG.7 I

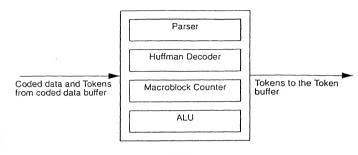


FIG.72

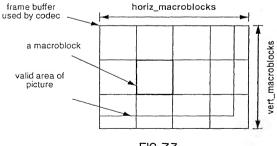
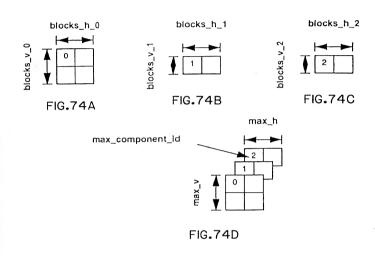
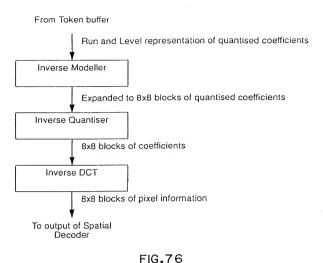


FIG.73



$$\begin{array}{c} \text{horiz\_macroblocks} = \frac{\text{horiz\_pels} + 15}{16} \\ \\ \text{vert\_macroblocks} = \frac{\text{vert\_pels} + 15}{16} \end{array}$$

FIG.75



Quantised values

Post Processing

FIG. 77

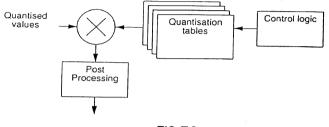


FIG.78

## Scale factor

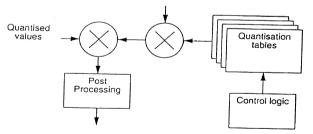
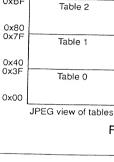


FIG.79



0xFF

0xC0 0xBF

Table 3

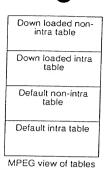
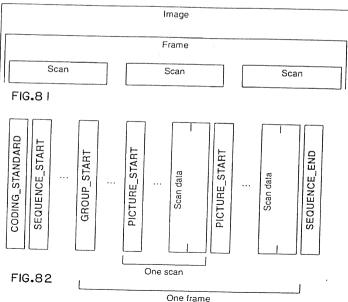
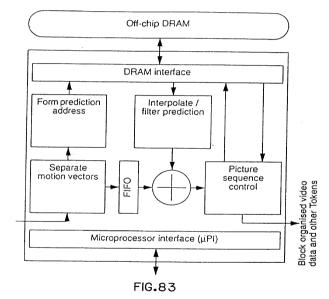
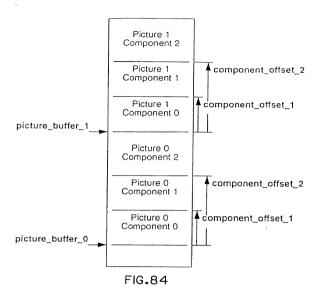


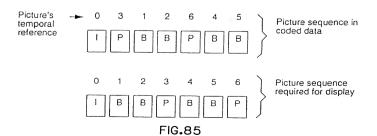
FIG.80

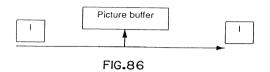


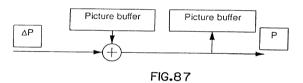


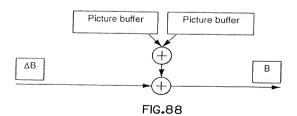












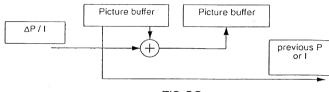


FIG.89

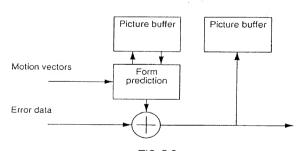


FIG.90

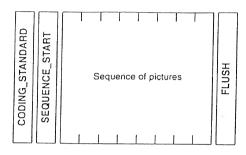


FIG.9 I

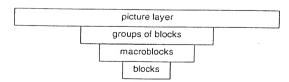
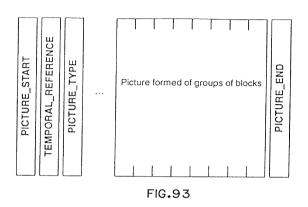
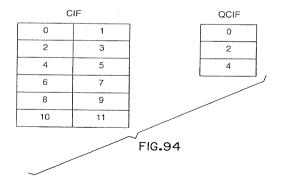
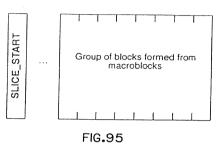


FIG.92







1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	22
23	24	25	26	27	28	29	30	31	32	33

FIG.96

1	2	5	6		
3	4				
4 block da	ks of Y ita	1 block of C <sub>B</sub> data	1 block of C <sub>R</sub> data		

FIG.97

DATA 00 DATA 00	DATA 00	DATA 00	DATA 01	DATA 02
--------------------	---------	---------	---------	---------

DATA 00

DATA 00

DATA 00

DATA 00

DATA 01

FIG.98

1	2	3	1	5	6	7	8
<u> </u>				3	0		0
9	10	11	12	13	14	15	16
59	58	59	60	61	62	63	64

FIG.99

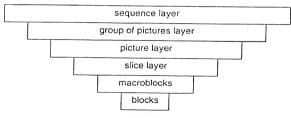


FIG. 1 00

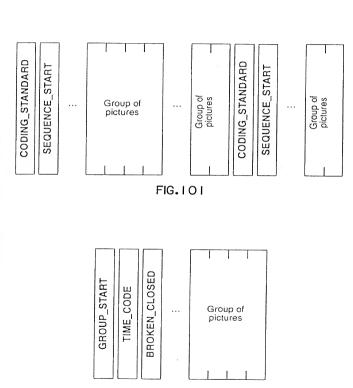
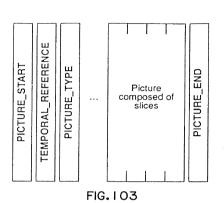


FIG. 102



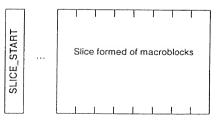


FIG. 104

1	2	5	6
3	4		
4 blocks of Y		1 block of C <sub>B</sub>	1 block of C <sub>R</sub>

FIG. 1 05

DATA 00 DATA 00	DATA 00	DATA 00	DATA 01	DATA 02
--------------------	---------	---------	---------	---------

		DATA 00	DATA 00	DATA 00	DATA 00	DATA 01	DATA 02
--	--	---------	---------	---------	---------	---------	---------

FIG. I 06

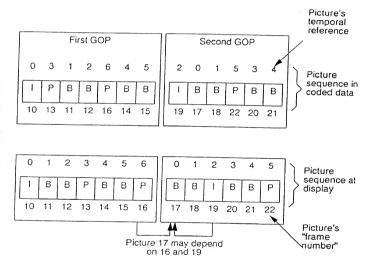
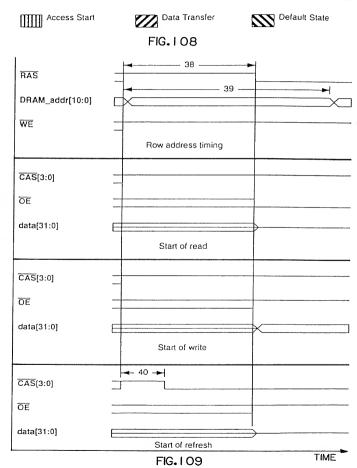
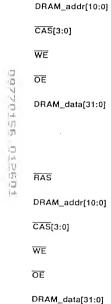


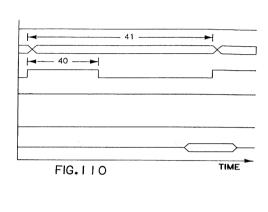
FIG. 107

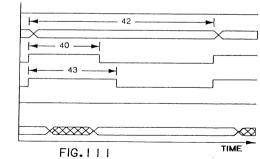
## 

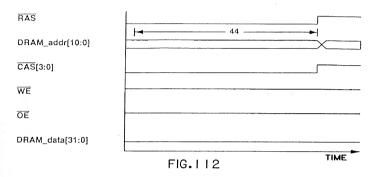




RAS







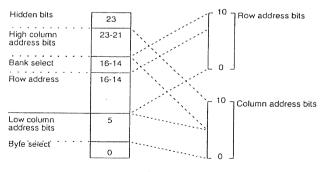
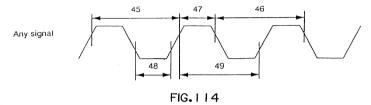
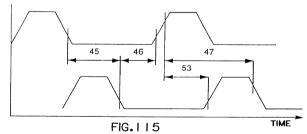


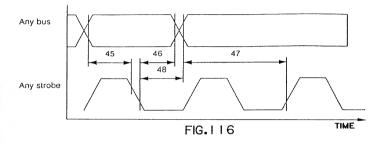
FIG. 1 13

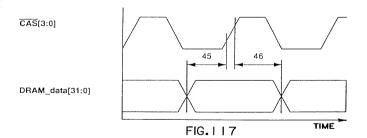


Any signal

Any other signal







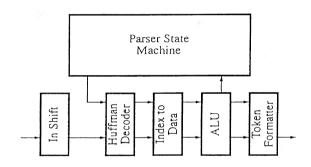
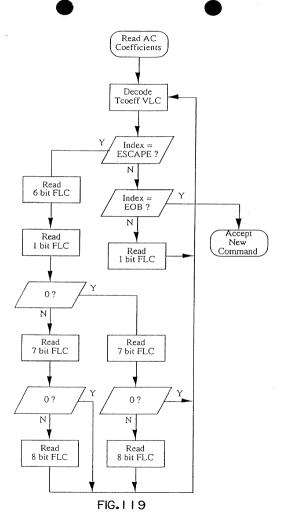


FIG. 118



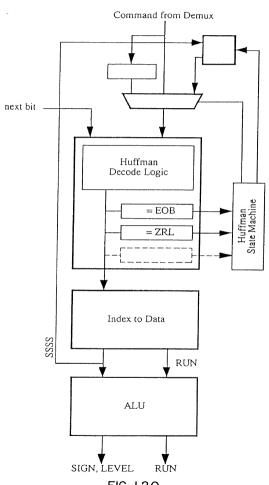


FIG. 120

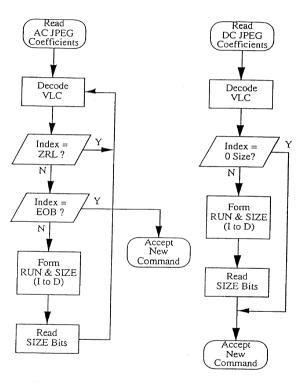


FIG. 121A

FIG. 121B

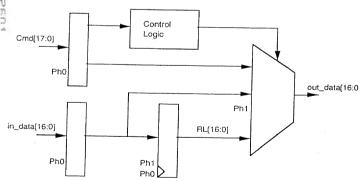
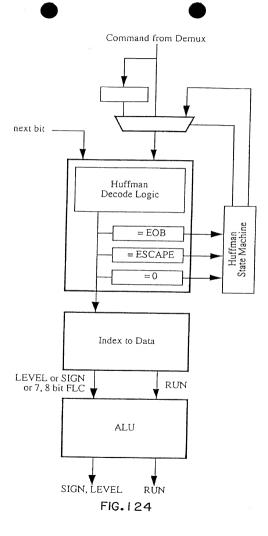
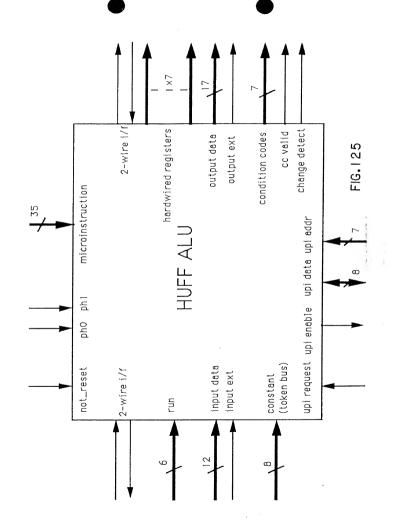


FIG. 123





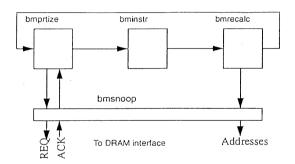
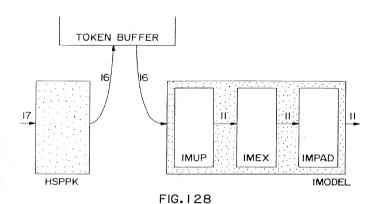


FIG. 127



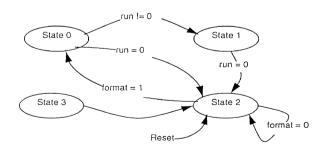


FIG. 129

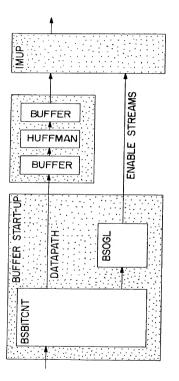


FIG. 130

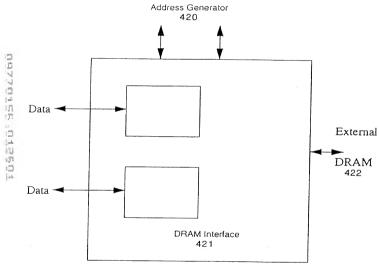


FIG. 131

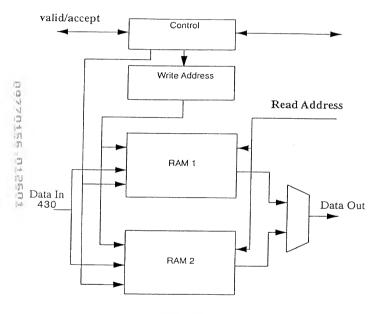
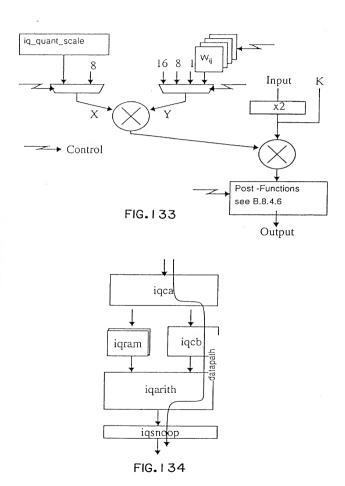


FIG. 132



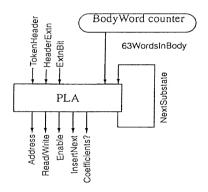


FIG. 135

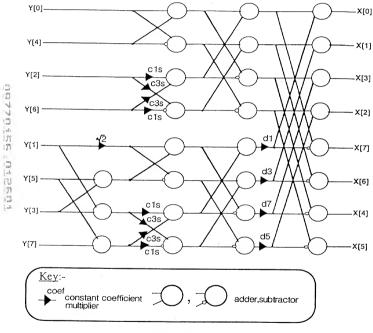


FIG. I 36

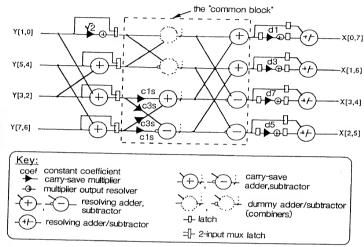


FIG. 137

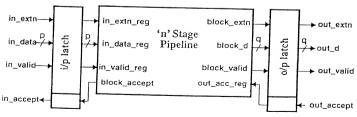
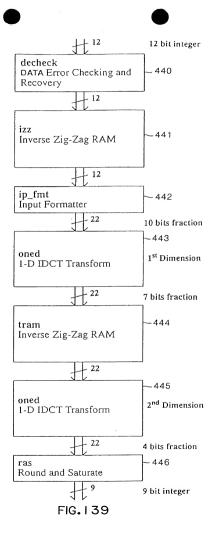
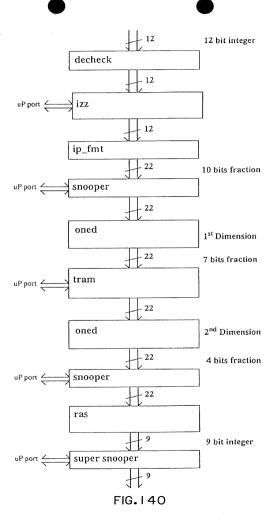
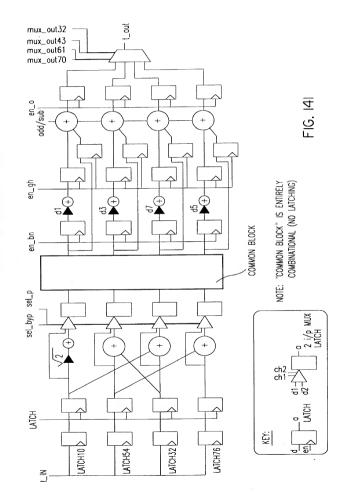


FIG. 138







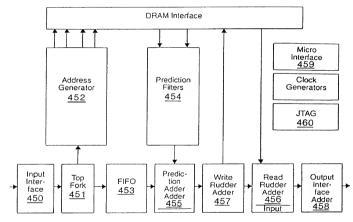


FIG. 142

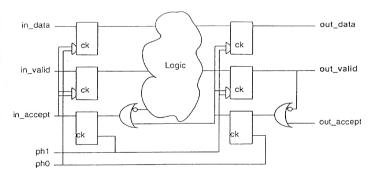


FIG. 143

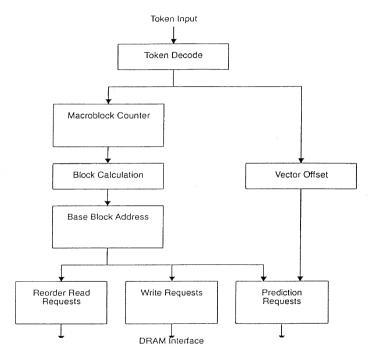


FIG. 144

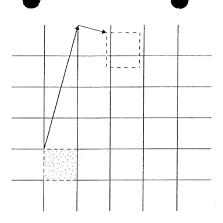


FIG. 145

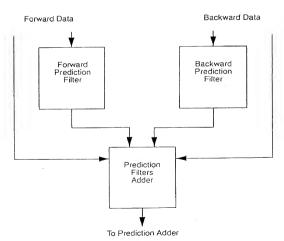


FIG. 146

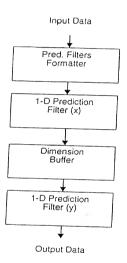


FIG. 147

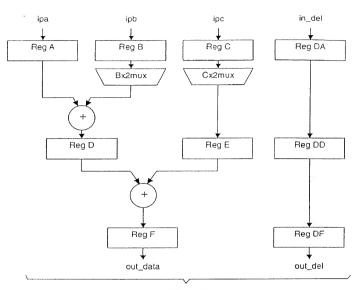


FIG. 148

0	1	2	3	4	5	6	7
8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23
24	25	26	27	28	29	30	31
32	33	34	35	36	37	38	39
40	41	42	43	44	45	46	47
48	49	50	51	52	53	54	55
56	57	58	59	60	61	62	63

FIG. 149

FIG. I 50

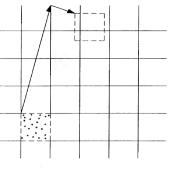


FIG. 151

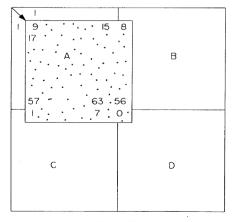
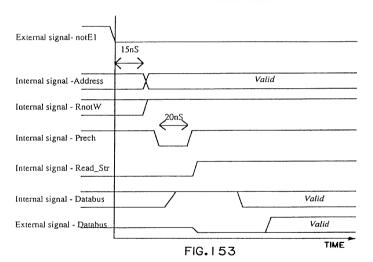
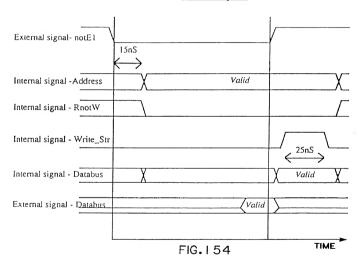


FIG. 152

## Read Cycle



## Write Cycle



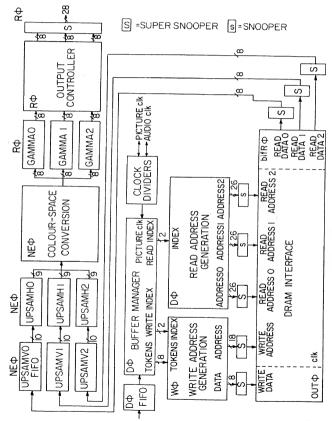


FIG. 155

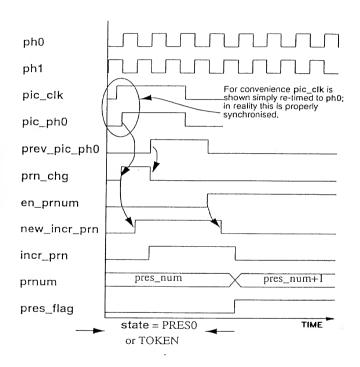


FIG. 156

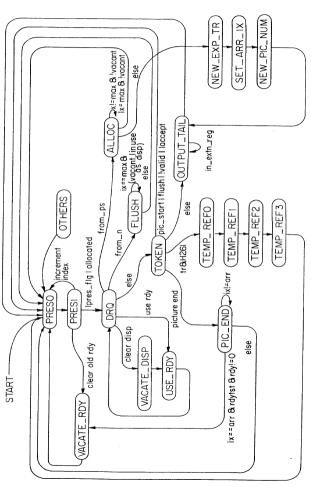


FIG. 157

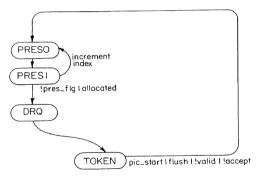
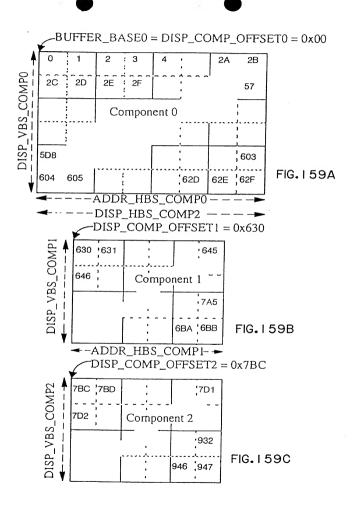
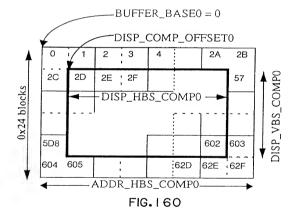


FIG. 158





## BUFFER OFFSET 0x00

COMPONENT	OFFSET	$0 \sim 0.00$	

00	01	02	03	04	05	06	07	80	09	OA	OB
OC	OD	ΟE	OF	10	11	12	13	14	15	16	17
18	19	1A	1B	1 C	1D	1E	1F	20	21	22	23
24	25	26	27	28	29	2A	2B	2C	2D	2E	2F
30	31	32	33	34	35	36	37	38	39	3A	3B
3C	3D	3E	3F	40	41	42	43	44	45	46	47
48	49	4A	4B	4C	4D	4E	4F	50	51	52	53
54	55	56	57	58	59	5A	5B	5C	5D	5E	5F
60	61	62	63	64	65	66	67	68	69	6A	6B
6C	6D	6E	6F	70	71	72	73	74	75	76	77
78	79	7A	7B	7C	7D	7E	7F	80	81	82	83
84	85	86	87	88	89	88	8B	8C	8D	8E	8F

FIG. 161A

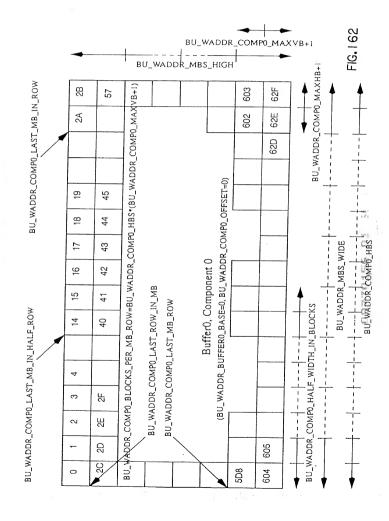
COMPONENT1 OFFSET 0x100 + .....

	OCINI OTTENTI OTTEE									
i	00	01	02	03	04	05				
l	06	07	08	09	OA	0B				
	OC	OD	0E	OF	10	11				
	12	13	14	15	16	17				
ı	18	19		1B						
	1E	1F	20	21	22	23				

FIG. 16 1B

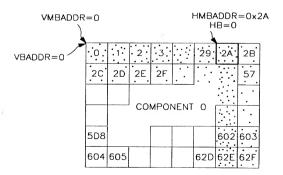
	00	01	02	03	04	05
		07				
		OD				
	12	13	14	15	16	17
	18	19	1A	1B	1C	1D
Ì	1E	1F	20	21	22	23

FIG. 161C

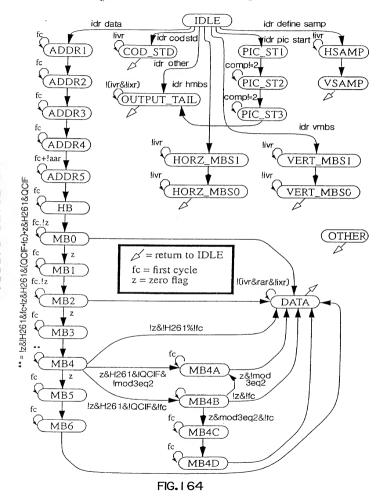


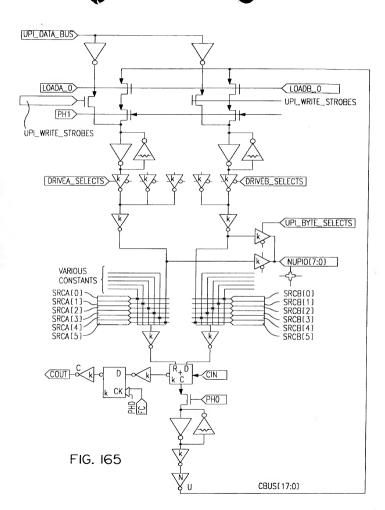
HI	MBADDR=0x28				HB=1			
	0	1	2	3		29	2A	2B
	2C	2D	2E	2F				57
VMBADDR=0x5D7			сом	PON	ENT	o.		
VBADDR=0	5D8						602	603
VBADDR=0×2C	604	605				62D	62E	62F

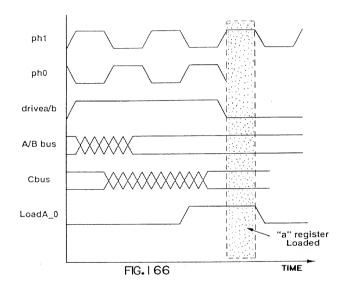
BLOCK ADDRESS=0+0+0x5D8+0x28+0x2C+1=0x62D FIG. I 63A



BLOCK ADDRESS=0+0+0+0x2A+0+0=0x2A FIG. 1 63B







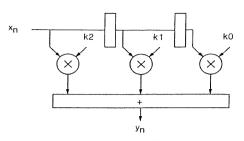
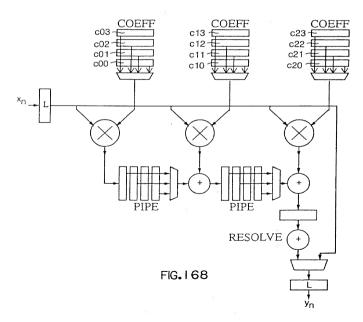


FIG. I 67



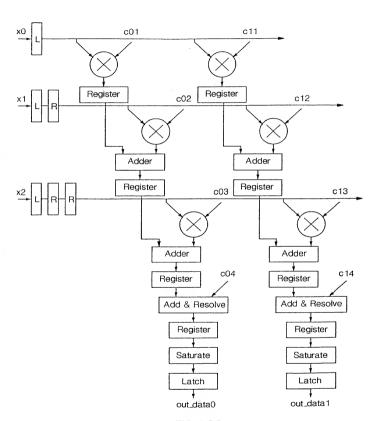


FIG. 169